

IN THE CLAIMS

This listing of the claims replaces all prior versions of the claims in the application.

1. (currently amended): A virus-like particle (VLP) comprising capsid proteins from at least two types of viruses, wherein said VLP comprises a first late 1 (L1) capsid protein from one type of virus and a second L1 capsid protein from a second type of virus.

2. (withdrawn): The VLP of claim 1 wherein said viruses are animal viruses.

3. (withdrawn): The VLP of claim 2 wherein said viruses are human viruses.

4. (withdrawn): The VLP of claim 3 wherein said viruses are different types of Human Papilloma Virus (HPV).

5. (withdrawn): The VLP of claim 4 wherein said types of HPV are types 6 and 16.

6. (canceled)

7. (withdrawn): The VLP of claim 4 or 5 wherein the capsid proteins comprise the minor capsid protein late 2 (L2).

8. (withdrawn): The VLP of claim 4 or 5 wherein the capsid proteins comprise L1 from one virus type and L2 from a second virus type.

9. (withdrawn-currently amended): The VLP of claim 6 1, further comprising the L2 capsid protein.

10. (original): A composition comprising the VLP of claim 1.
11. (original): The composition of claim 10 wherein the VLP is purified for immunization.
12. (original): The composition of claim 11 wherein the VLP comprises the VLP of claim 9.
13. (original): The composition of claim 12, further comprising an adjuvant.
14. (original): The composition of claim 13 wherein the adjuvant is MF59.
15. (withdrawn-currently amended): A method for producing the VLPs of claim 1 ~~comprising capsid proteins from at least two types of viruses~~, said method comprising a) cloning said capsid proteins into expression cassettes comprising the same promoters and termination sequences; and b) expressing said cassettes in the same host cell.
16. (withdrawn): The method of claim 15 wherein the host cell is a yeast cell.
17. (withdrawn): The method of claim 16 wherein the yeast is *Saccharomyces cerevisiae*.
18. (withdrawn): The method of claim 15 wherein said viruses are different types of HPV.
19. (withdrawn): The method of claim 18 wherein said types of HPV are type 6 and 16.
20. (withdrawn): The method of claim 15 or 18 wherein the capsid proteins comprise L1.

21. (withdrawn): The method of claim 15 or 18 wherein the capsid proteins comprise L2.
22. (withdrawn): The method of claim 15 or 18 wherein the capsid proteins comprise LI from one virus type and L2 from a second virus type.
23. (withdrawn): The method of claim 20, further comprising L2 capsid proteins.
24. (withdrawn): The method of claim 23 wherein said LI protein expression cassettes are cloned into non-integrative vectors, and said L2 proteins expression cassettes are cloned into integrative vectors.
25. (withdrawn): The method of claim 24 wherein the non-integrative vector is pBS24.1.
26. (withdrawn): The method of claim 24 wherein the integrative vector is pUC8.
27. (withdrawn): A host cell comprising vectors for expressing capsid proteins from at least two types of viruses.
28. (withdrawn): The host cell of claim 27 wherein said viruses are different types of HPV.
29. (withdrawn): The host cell of claim 28 wherein said types of HPV are types 6 and 16.
30. (withdrawn): The host cell of claim 29 wherein said capsid proteins comprise LI.

31. (withdrawn): The host cell of claim 29 wherein said capsid proteins comprise L2.

32. (withdrawn): The host cell of claim 27 or 29 wherein said capsid proteins comprise LI from one virus type and L2 from a second virus type.

33. (withdrawn): The host cell of claim 30, further comprising L2 capsid proteins.

34. (withdrawn): The host cell of claim 33 wherein said host cell is a diploid cell.

35. (withdrawn): The host cell of claim 27 or 34 wherein said host cell is yeast.

36. (withdrawn): The host cell of claim 35 wherein said yeast is *Saccharomyces cerevisiae*.

37. (withdrawn): A method for inducing an immune response against more than one type of virus comprising administering the VLP of any of claims 1-5 or 9.

38. (canceled)

39. (withdrawn): A method for inducing an immune response against more than one type of virus comprising administering the VLP of claim 7.

40. (withdrawn): A method for inducing an immune response against more than one type of virus comprising administering the VLP of claim 8.

41. (withdrawn): A method for expressing capsid proteins from at least two types of viruses, said method comprising a) cloning said capsid proteins into expression cassettes comprising the same promoters and termination sequences; and b) expressing said cassettes in the same host cell.

42. (withdrawn): The method of claim 41 wherein the host cell is a yeast cell.

43. (withdrawn): The method of claim 42 wherein the yeast is *Saccharomyces cerevisiae*.

44. (withdrawn): The method of claim 41 wherein said viruses are different types of HPV.

45. (withdrawn): The method of claim 44 wherein said types of HPV are type 6 and 16.

46. (withdrawn): The method of claim 41 or 45 wherein the capsid proteins comprise LI.

47. (withdrawn): The method of claim 41 or 45 wherein the capsid proteins comprise L2.

48. (withdrawn): The method of claim 41 or 45 wherein the capsid proteins comprise LI from one virus type and L2 from a second virus type.

49. (withdrawn): The method of claim 46, further comprising L2 capsid proteins.

50. (original): The VLP of claim 1 wherein said VLP induces an immune response against both types of viruses.

51. (original): A composition comprising the VLP of claim 50.